

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IT2004/000002

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C259/10 A61K31/16 A61P35/00 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97/43251 A (BERTOLINI GIORGIO ;PAVICH GIANFRANCO (IT); BIFFI MAURO (IT); ITALF) 20 November 1997 (1997-11-20) cited in the application examples 1-10 page 30, line 2,3,12,13 page 31, line 29,30 page 32, line 4,5,10,11,16,17,22-31 page 33, line 1,2 claims 4,5	1,2,4, 6-10,12, 13,16,17
Y	---	1-17
X	WO 96/15105 A (ITALFARMACO SPA ;BERTOLINI GIORGIO (IT); AQUINO MARIO (IT); CHIAFF) 23 May 1996 (1996-05-23) examples 4,5	1,2, 7-10,12, 13,16,17
Y	claim 2	1-17
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

3 May 2004

Date of mailing of the international search report

18/05/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; FUJII, SETSURO ET AL: "trans-4-Aminomethylcyclohexane hydroxamic acid" retrieved from STN Database accession no. 87:39013 XP002278214 abstract -& JP 52 014747 A (ONO PHARMACEUTICAL CO., LTD., JAPAN) 3 February 1977 (1977-02-03)</p> <p>---</p>	1,2,4,7, 10
Y	<p>UESATO S ET AL: "Novel histone deacetylase inhibitors: N-hydroxycarboxamides possessing a terminal bicyclic aryl group" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 12, 2002, pages 1347-1349, XP002276408 ISSN: 0960-894X page 1349; table 1 page 1347, column 1 page 1348, column 2, last line -page 1349, column 2</p> <p>---</p>	1-17
A	<p>RICHON V M ET AL: "A CLASS OF HYBRID POLAR INDUCERS OF TRANSFORMED CELL DIFFERENTIATION INHIBITS HISTONE DEACETYLASES" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, US, vol. 95, no. 6, 17 March 1998 (1998-03-17), pages 3003-3007, XP001120542 ISSN: 0027-8424 page 3003, column 1 page 3004; table 1</p> <p>---</p>	1,11-17
A	<p>WO 02/055017 A (MISHRA NILAMADHAB ;KAMMER GARY M (US); UNIV WAKE FOREST (US)) 18 July 2002 (2002-07-18) claim 2</p> <p>---</p>	1,11-17
P,X	<p>WO 03/013493 A (DINARELLO CHARLES ;BUFLER PHILIP (IT); DONA GIANCARLO (IT); ITALFA) 20 February 2003 (2003-02-20) page 12, Table, compounds 6,7,9-14 claim 1</p> <p>---</p> <p>-/-</p>	1,2,4, 6-10, 12-17

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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P, X	<p>BOUCHAIN, GILIANE ET AL: "Development of Potential Antitumor Agents. Synthesis and Biological Evaluation of a New Set of Sulfonamide Derivatives as Histone Deacetylase Inhibitors"</p> <p>JOURNAL OF MEDICINAL CHEMISTRY (2003), 46(5), 820-830 , XP002278212</p> <p>page 823, table 3, compound 27</p> <p>---</p>	1,2,7,9, 10,12, 14-17
P, X	<p>LU, QIANG ET AL: "Zn²⁺-Chelating, Motif-Tethered, Short-Chain Fatty Acids as a Novel Class of Histone Deacetylase Inhibitors"</p> <p>JOURNAL OF MEDICINAL CHEMISTRY (2004), 47(2), 467-474 , 11 December 2003 (2003-12-11), XP002278213</p> <p>page 471, Figure 3, cpds. 15,16,18,19,21,22 abstract</p> <p>-----</p>	1,2,4, 6-10,12, 14-17

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Information on patent family members

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